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郯庐断裂带山东段的中新生代构造演化特征 [点此下载全文](#)

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摘要:

摘要: 本文在总结郯庐断裂带的最新研究成果的基础上, 对郯庐断裂带山东段深部构造特征、运动学特征并对郯庐断裂带山东段的中新生代构造演化过程进行了研究。在华南华北碰撞造山时期, 郯庐断裂带山东段发生左旋走滑运动, 在晚侏罗至早始新世的左旋走滑和早始新世后的右旋走滑都是直接受控于古太平洋板块向东亚大陆直接传递到郯庐断裂带导致其发生走滑运动; 早白垩世中期至古近纪, 郯庐断裂带山东段内部及两侧盆地的伸展底辟导致的裂陷作用。

关键词: [郯庐断裂带](#) [山东段](#) [沂沭断裂带](#) [构造演化](#) [中新生代](#)

The Mesozoic-Cenozoic Tectonic Evolution of the Shandong Segment of Tan-Lu Fault Zone

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Abstract:

Abstract: Based on new research results, we analyse the deep structures, kinematic characteristics and tectonic evolution of the Shandong segment of Tan-Lu fault zone. The characteristics of Mesozoic-Cenozoic tectonic evolution of the Shandong segment of Tan-Lu fault zone are also discussed. In the collision orogenesis period between the South China and North China craton, the Shandong segment of Tan-Lu fault zone performance acted as sinistral shearing strike-slip movement from late Jurassic to early Eocene and the dextral strike-slip movement after the subduction of the old Pacific plate. The strike-slip movement of Tan-Lu fault zone was caused by subducting plate boundary to it. The extensional activities of the Shandong segment of Tan-Lu fault zone beside it, was associated with the intracontinental rifting process caused by lithosphere delamination and mantle delamination.

Keywords: [The Tan-Lu fault zone](#) [The Shandong segment](#) [Yishu fault zone](#) [Tectonic evolution](#) [Mesozoic-Cenozoic](#)

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